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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/656,668	
	Filing Date	September 4, 2003	
	First Named Inventor	Bomy Chen	
	Art Unit	2814	
	Examiner Name	Long Pham	
Total Number of Pages in This Submission	10	Attorney Docket Number	2102397-992670

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Gray Cary Ware & Freidenrich LLP		
Signature			
Printed name	Alan A. Limbach		
Date	November 19, 2004	Reg. No.	39,749

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Kathleen LaBrie	Date	November 19, 2004

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IPW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/656,668
Applicant : Bomy Chen
Filed : September 4, 2003
TC/A.U. : 2814
Examiner : Long Pham
Title : MEMORY DEVICE WITH DISCRETE LAYERS OF PHASE
CHANGE MEMORY MATERIAL
(as amended herein)
Docket No. : 2102397-992670
Customer No. : 26379

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 19, 2004.

GRAY CARY WARE & FREIDENRICH Date: 11/19/04

By: Kathleen LaBrie
Kathleen LaBrie

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION OF NOVEMBER 5, 2004

Sir:

In response to the Office Action of November 5, 2004, please amend the above identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.